

FIG._2

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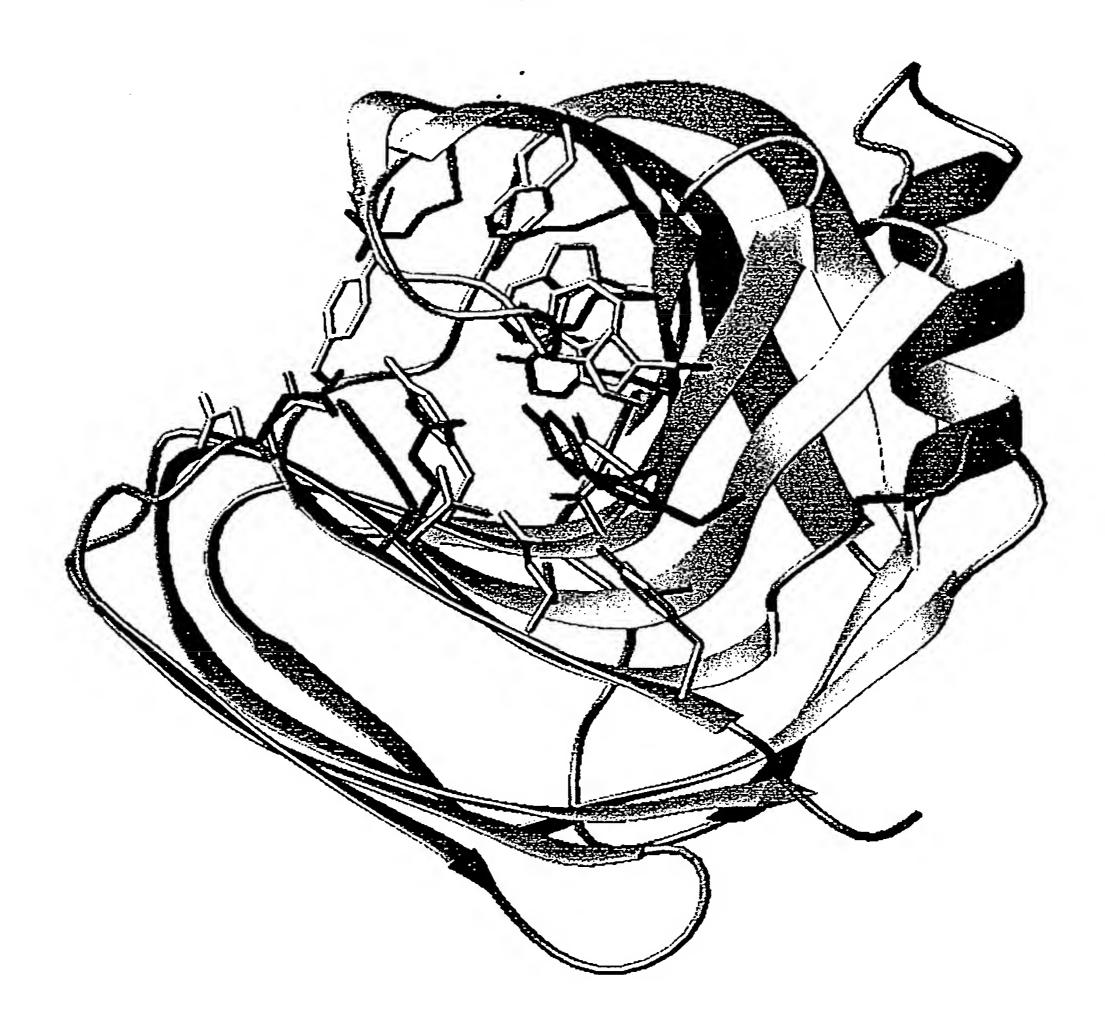


FIG._3

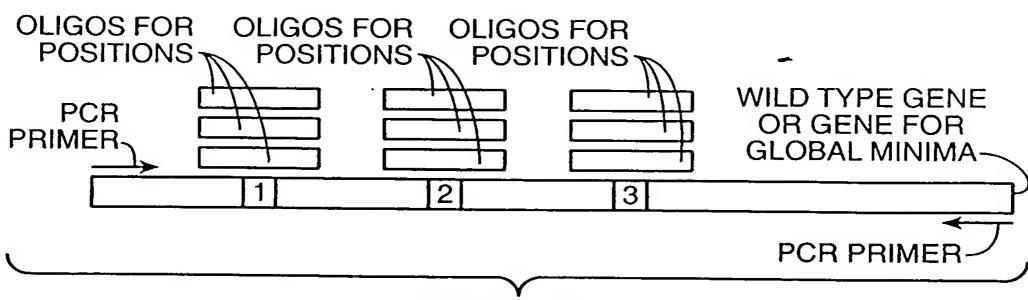
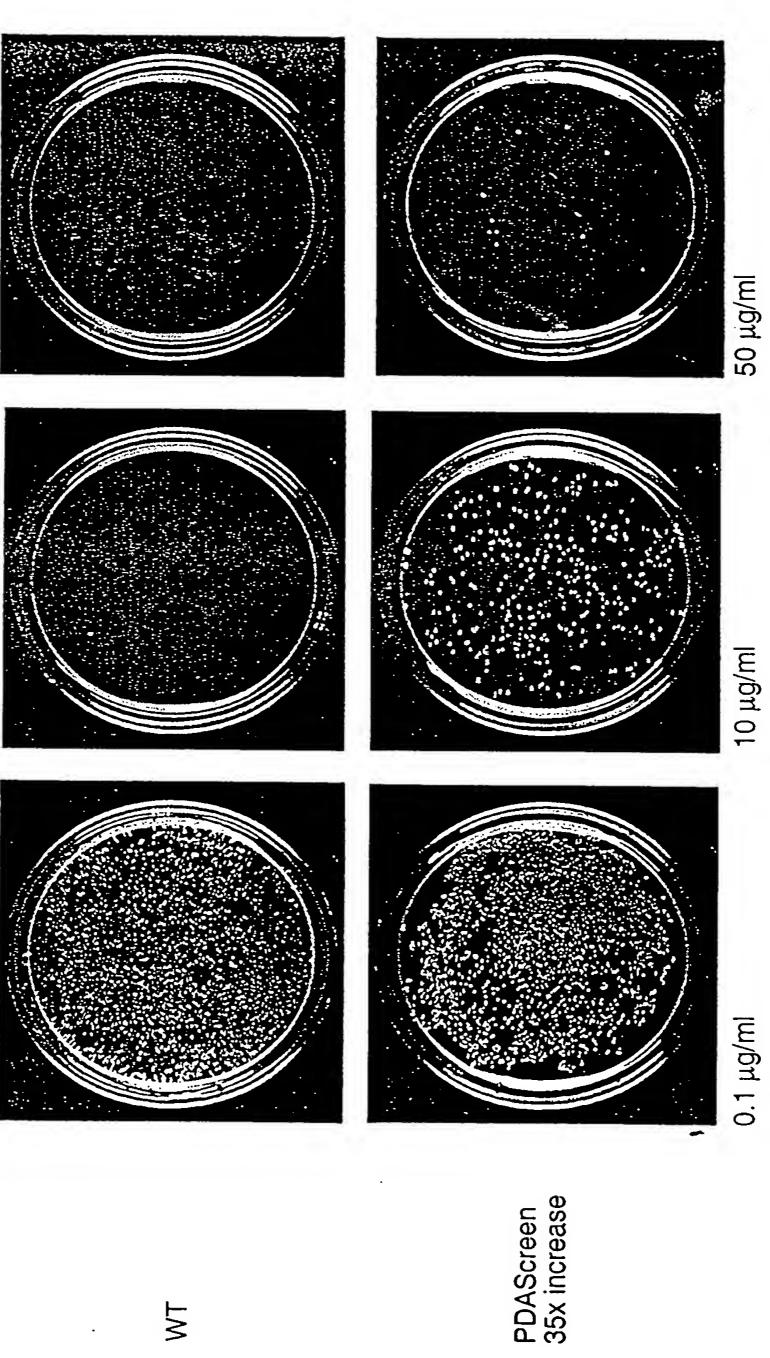


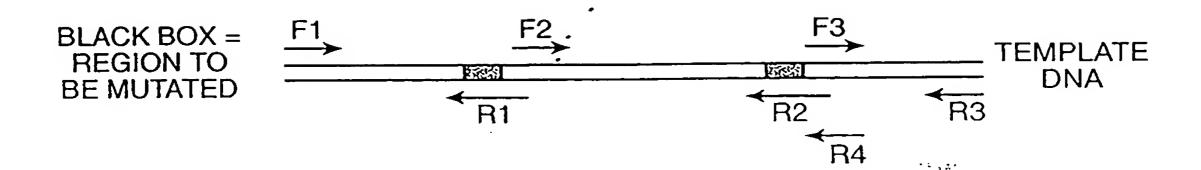
FIG._5

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STEP 1: SET UP 3 PCR REACTIONS:

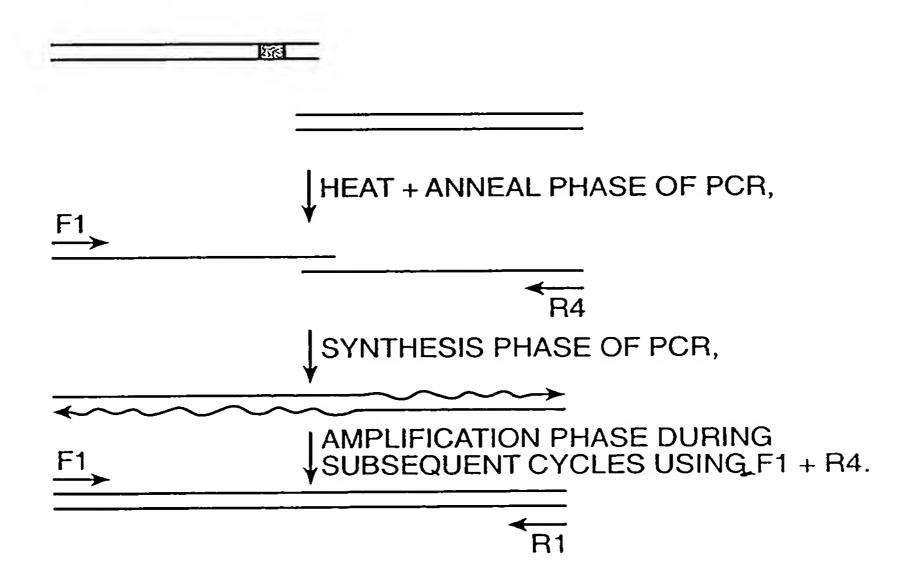
PRODUCTS:

TUBE 1:

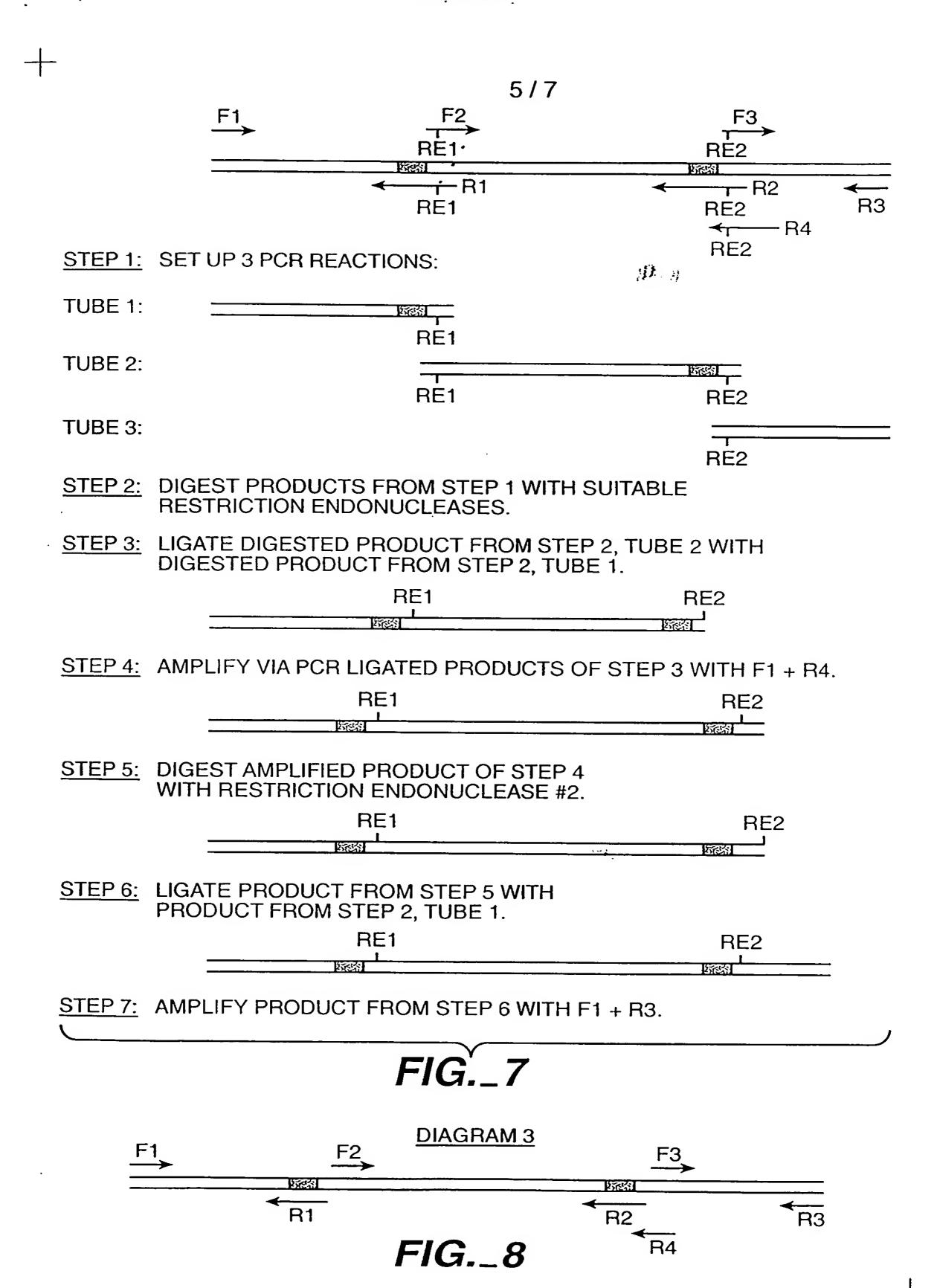
TUBE 2:

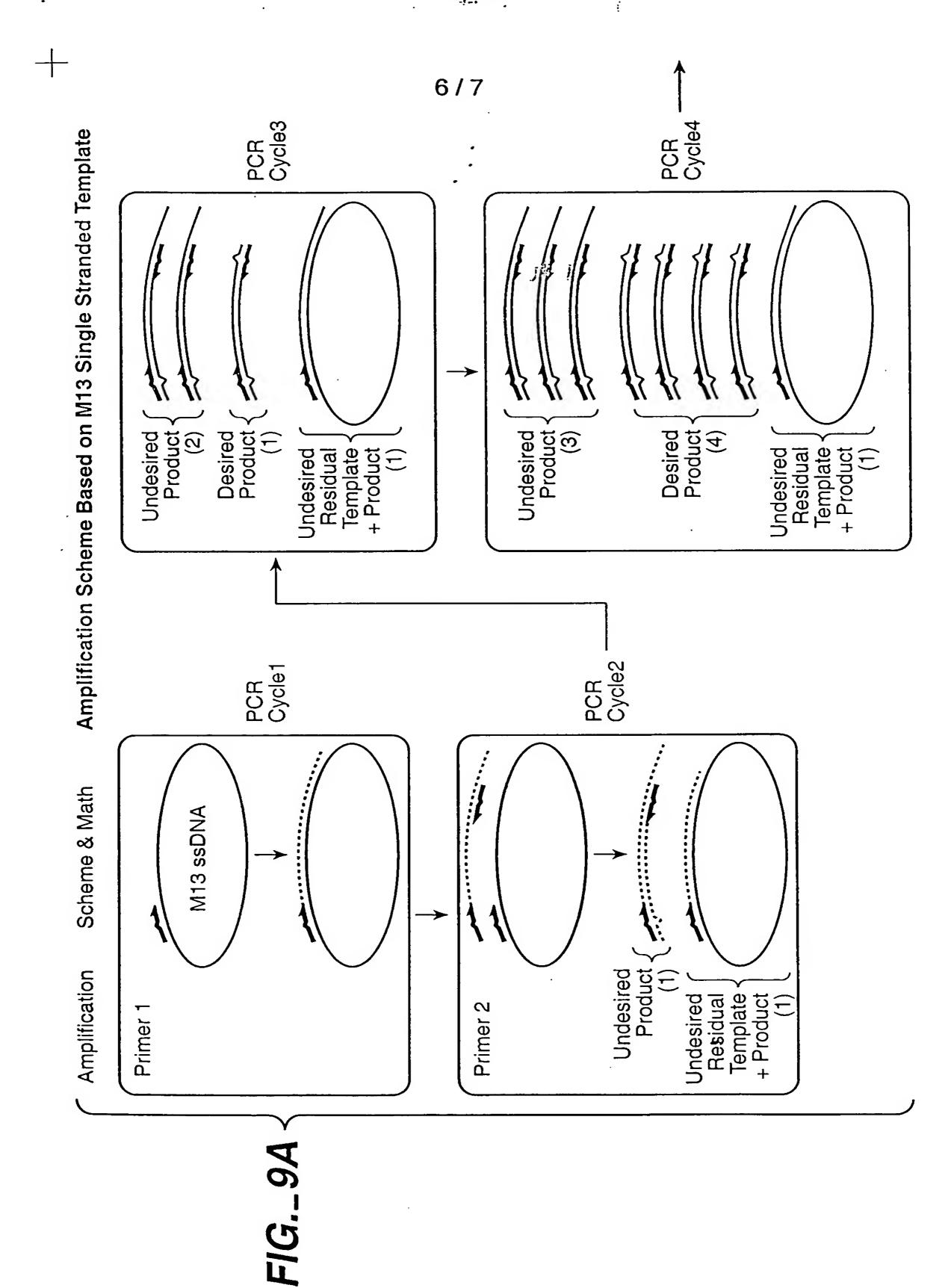
TUBE 3:

STEP 2: SET UP PCR REACTION WITH PRODUCTS OF TUBE 1 + PRODUCTS TUBE 2 + F1 + R4.



STEP 3: REPEAT STEP 2 USING PRODUCT FROM STEP 2 + PRODUCT FROM STEP 1, TUBE 3 + PRIMERS F1 + R3.





-FIG._9B

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Amplification Scheme Based on M13 Single Stranded Template

Control of the contro																					
	Percent Desired Product in Total Product		%00.0	25.00%	%00'09	68.75%	81.25%	%90'68	93.75%	96.48%	98.05%	%86.83%	99.41%	%89.66	%83.66	99.91%	%36.66	%26.66	%66.66	%66'66	.100.00%
	Undesired Products and Residual Template	l .	2	ဧ	4	5	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20
	Desired Product		0	~	4	-1	26	25	120	247	505	1013	2036	4083	8178	16369	32752	62219	131054	262125	524268
	PCR Cycles	-	2	3	4	5	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20

Undesired Product
(4)
(1)

Desired Product
(11)

Hesidual Femplate + Product
(1)
(1)

4